Please amend the specification in adherence with rules 37 C.F.R. §

1.821-1.825 as follows:

IN THE SPECIFICATION

On page 7 line 34, following "Example 1" insert –(SEQ. ID NOs:1-27)--.

On page 8, line 17, following "Example 13", insert -- (SEQ ID NOs:28-31)--

On page 8, line 26, following "Example 8", insert -- (SEQ ID NOs:32-37)--.

On page 92, line 31, following "#D199_1", insert -- (SEQ ID NO:38)--.

On page 92, line 31, following "#D200_1", insert -- (SEQ ID NO:39)--.

On page 92, line 32, following "#D211_1,2", insert -- (SEQ ID NO:38)--.

On page 92, line 32, following "D212_1", insert -- (SEQ ID NO:39)--.

On page 92, line 33, following "D214_1", insert -- (SEQ ID NO:40)--.

On page 92, line 33, following "#D57_1", insert -- (SEQ ID NO:41)--.

On page 92, line 35, following "#D215_1", insert -- (SEQ ID NO:38)--.

On page 92, line 32, following "#D216_1", insert -- (SEQ ID NO:39)--.

On page 93, line 1, following "D203_1", insert -- (SEQ ID NO:38)--.

On page 93, line 1, following "D204_1", insert -- (SEQ ID NO:39)--.

On page 93, line 2, following "D205_1", insert -- (SEQ ID NO:42)--.

On page 93, line 2, following "D206_1", insert -- (SEQ ID NO:43)--.

On page 93, line 3, following "D207_1", insert –(SEQ. ID NO: 44)–.

On page 93, line 3, following "D208_1", insert -- (SEQ ID NO:45)--.

On page 93, line 4, following "D158_3", insert -- (SEQ ID NO:38)--.

On page 93, line 4, following "#D101_2", insert -- (SEQ ID NO:39)--.

On page 93, line 5, following "#D217_1,2,3", insert -- (SEQ ID NO:38)--.

On page 93, line 5, following "#D218_1", insert -- (SEQ ID NO:39)--.

On page 93, line 8, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page 93, line 9, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page 93, line 10, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page 93, line 11, following "#D201_1,2", insert -- (SEQ ID NO:46)--.

On page 93, line 12, following "#D83_17,18", insert -- (SEQ ID NO:47)--.

On page 93, line 13, following "D201_1,2", insert -- (SEQ ID NO:46)--.

On page 93, line 14, following "D201_1,2", insert -- (SEQ ID NO:46)--.

On page 93, line 15, following "D83_17,18", insert -- (SEQ ID NO:47)--.

On page 93, line 16, following "D83_17,18", insert -- (SEQ ID NO:47)--.

On page 96, line 26, following "-3'." insert -- (SEQ ID NO:48)--.

On page 96, line 27, following "GA-3'", insert -- (SEQ ID NO:49)--.

On page 96, line 35, following "CA-3'", insert -- (SEQ ID NO:50)--.

On page 96, line 36, following "TG-5'", insert -- (SEQ ID NO:51)--.

On page 97, line 2, following "-3'", insert -- (SEQ ID NO:52)--.

On page 97, line 27, following "-3')", insert -- (SEQ ID NO:53)--.

On page 97, line 30, following "-3')", insert -- (SEQ ID NO:54)--.

On page 97, line 32, following "3')", insert -- (SEQ ID NO:55)--.

On page 98, line 1, following "-3')", insert -- (SEQ ID NO:56)--.

On page 98, line 11, following "-3'.", insert -- (SEQ ID NO:57)--.

On page 98, line 12, following "-3'.", insert -- (SEQ ID NO:57)--.

On page 98, line 14, following "-3'.", insert -- (SEQ ID NO:57)--.

On page 98, line 17, following "-3'.", insert -- (SEQ ID NO:58)--.

On page 98, line 19, following "-3'.", insert -- (SEQ ID NO:59)--.

On page 101, line 6, following "GA(C11)-3'.", insert -- (SEQ ID NO:60)--.

On page 101, line 6, following "AC(C11)-3'.", insert -- (SEQ ID NO:61)--.

On page 101, line 9, following "-3'.", insert -- (SEQ ID NO:62)--.

On page 101, line 11, following "-3'.", insert -- (SEQ ID NO:63)--.

On page 101, line 12, following "-3'.", insert -- (SEQ ID NO:64)--.

On page 101, line 14, following "-3'.", insert -- (SEQ ID NO:65)--.

On page 101, line 24, following "-3'.", insert -- (SEQ ID NO:66)--.

On page 102, immediately preceding the claims, please insert the

enclosed text entitled "SEQUENCE LISTING".

REMARKS

Entry of this amendment is respectfully requested. The amendments are

made in adherence with 37 C.F.R. § 1.821-1.825. This amendment is

accompanied by a floppy disc containing the above named sequence,

SEQUENCE ID NUMBERS 1-66 in computer readable form, and a paper copy of

the sequence information. The computer readable sequence listing was